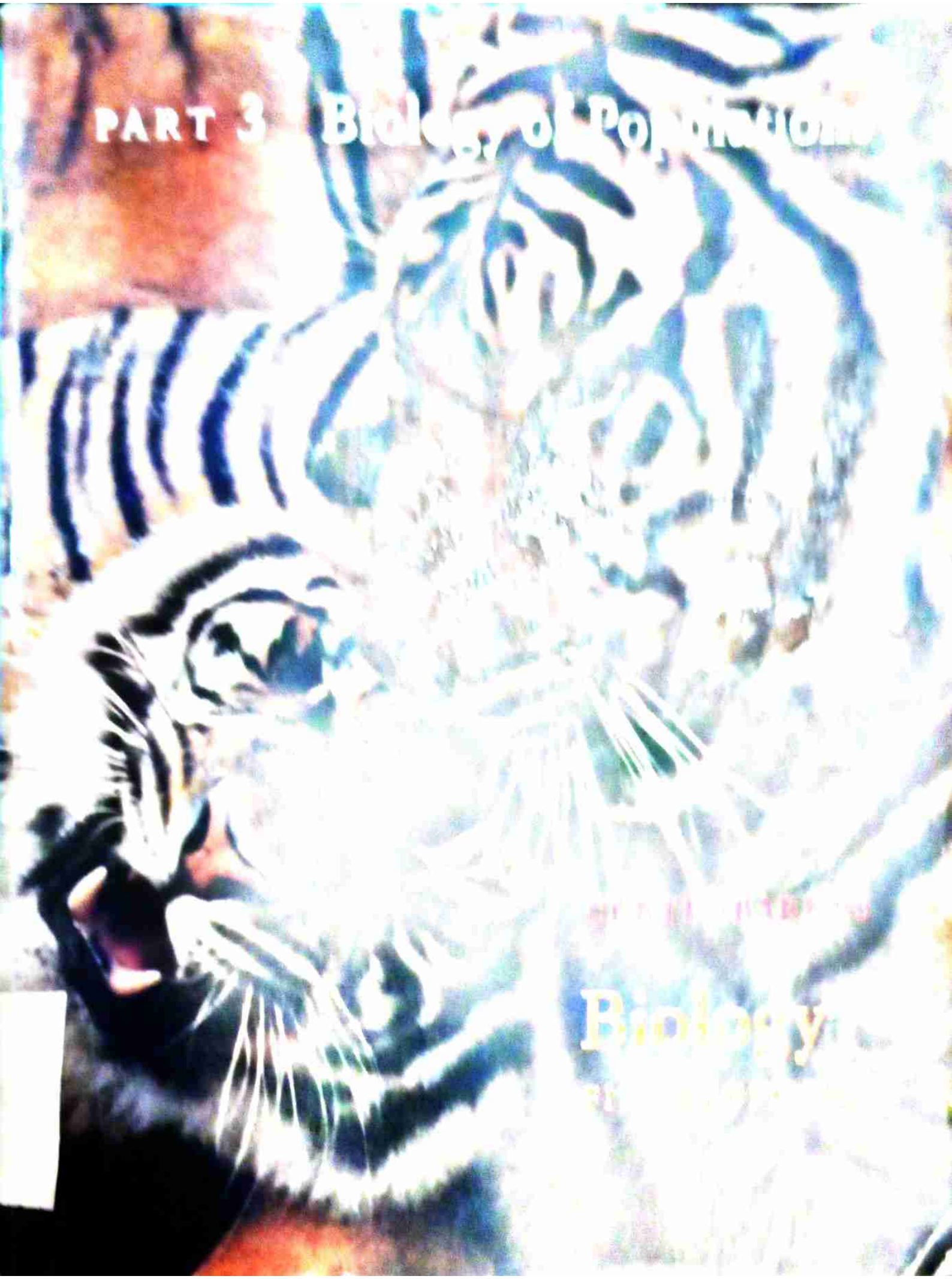

PART 3

Biology FIFTH EDITION

PART 3 Biology of Populations

HELENA CURTIS

N. SUE BARNES

WORTH PUBLISHERS, INC.

Young Bengal tigers (Panthera tigris) Tigers originated in Siberia and spread south to India and adjoining countries. Inside one of the least of their tropical habitat. Bengal tigers cool off by immersing themselves in water and, in fact, are excellent swimmers. They hunt in the cool of the evening, relying on their sharp eyes and ears and their especially well developed sense of smell. Although social when young, tigers become solitary as adults. Human destruction of the forest habitat of the Bengal tiger has caused it to become severely endangered. (© Kjell Sandved)

BIOLOGY, FIFTH EDITION, PART 3

LIBRARY OF CONGRESS CATALOG CARD NUMBER: 88-51041

ISBN: 0-87901-394-X (CLOTHBOUND)

ISBN: 0-87901-435-0 (PART 1, PAPERBACK)

ISBN: 0-87901-436-9 (PART 2, PAPERBACK)

ISBN: 0-87901-437-7 (PART 3, PAPERBACK)

PRINTED IN THE UNITED STATES OF AMERICA

PRINTING: 1 2 3 4 5 6 7 YEAR: 9 0 1 2 3 4

EDITOR: SALLY ANDERSON

PRODUCTION: SARAH SEGAL

ART DIRECTOR: GEORGE TOULOUMES

LAYOUT DESIGN: PATRICIA LAWSON, DAVID LOPEZ

DESIGN: MALCOLM GREAR DESIGNERS

ILLUSTRATOR: SHIRLEY BATY

PICTURE EDITORS: DAVID HINCHMAN, ANNE FELDMAN, ELAINE BERNSTEIN

TYPOGRAPHY: NEW ENGLAND TYPOGRAPHIC SERVICE, INC.

COLOR SEPARATION: CREATIVE GRAPHIC SERVICES CORPORATION

PRINTING AND BINDING: VON HOFFMANN PRESS, INC.

COVER PHOTOGRAPH: TIGERS (© KJELL SANDVED)

FRONTISPIECE: TROPICAL FOREST, COSTA RICA (© GARY BRAASCH)

ILLUSTRATION ACKNOWLEDGMENTS BEGIN ON PAGE A-1, CONSTITUTING AN EXTENSION OF THE COPYRIGHT PAGE.

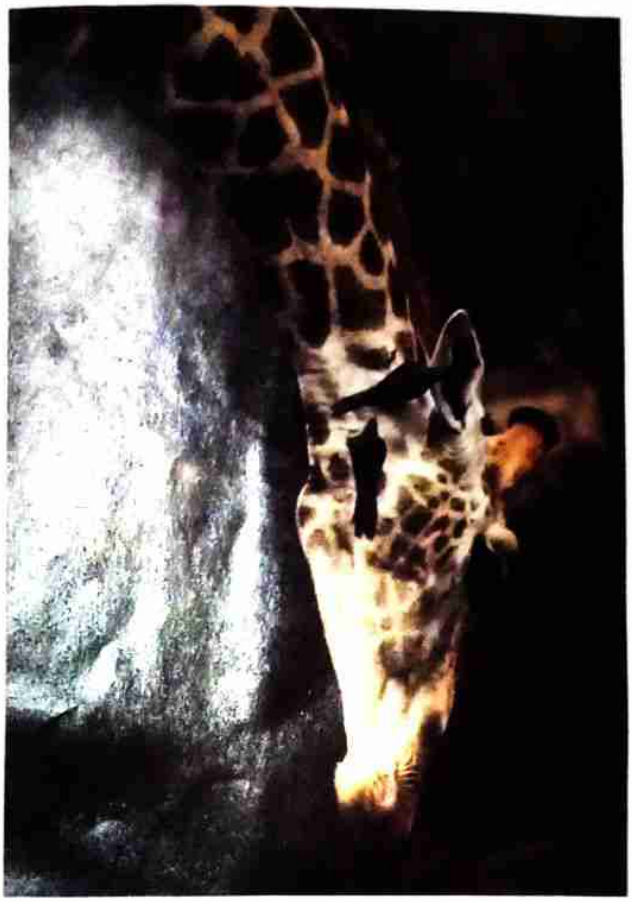
WORTH PUBLISHERS, INC.

33 IRVING PLACE

NEW YORK, NEW YORK 10003

This book is dedicated to those whose creative and painstaking studies have contributed to our understanding of biology.

Contents in Brief



Giraffe with oxpeckers

Contents

Ladybug on flower of shepherd's needle